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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003_0924

First Named Inventor : Hirotoshi TAKAHASHI et al.

Title: MODULATOR AND DEMODULATOR

Express Mail Label No.:

PTO
S-1611669
U.S. PATENT & TRADEMARK OFFICE
21711013703**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Small Entity Status is hereby asserted.
3. Specification
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Sequence Listing, a table, or a computer program listing appendix.
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) *(35 USC 113)*
(Total Sheets: 6)
5. Oath or Declaration
 a.1. Newly executed (original or copy)
 a.2. Unexecuted
 b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 i. DELETION OF INVENTOR(S)
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet (see 37 CFR 1.76)

ADDRESS TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or computer program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. Computer Readable Form
 b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. Paper
 c. The paper and computer readable copies are identical

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
 10. 37 CFR 3.73(b) Statement *(when there is an assignee)*
 Power of Attorney
 11. English Translation Document *(if applicable)*
 12. Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations
 13. Preliminary Amendment
 14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
 Applicant must attach form PTO/SB/35 or its equivalent.
 17. Other Claim of Priority Under 35 USC 119

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

 Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/036,428

Prior Application Information: Examiner Henry Choe Group Art Unit 2817

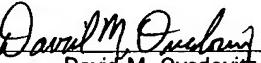
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



000513

PATENT TRADEMARK OFFICE

By: 
 David M. Ovedovitz
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July 3, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hirotoshi TAKAHASHI et al.

Serial No. NEW : Attn: APPLICATION BRANCH

Filed July 3, 2003 : Attorney Docket No. 2003_0924

MODULATOR AND DEMODULATOR

(Rule 1.53(b) Divisional
of Serial No. 10/036,428,
Filed January 7, 2002)

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Sir:

Attached hereto is a check in the amount of \$750.00 to cover Patent Office fees relating to filing the following attached papers:

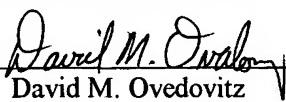
Rule 53(b) application \$750.00

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The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Hirotoshi TAKAHASHI et al.

By 
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July 3, 2003

[Check No. 56485]
2003_0924

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In re application of

Hirotoshi TAKAHASHI et al.

Serial No. NEW

: Attn: APPLICATION BRANCH

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